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centimeters 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 inches

Don Williams

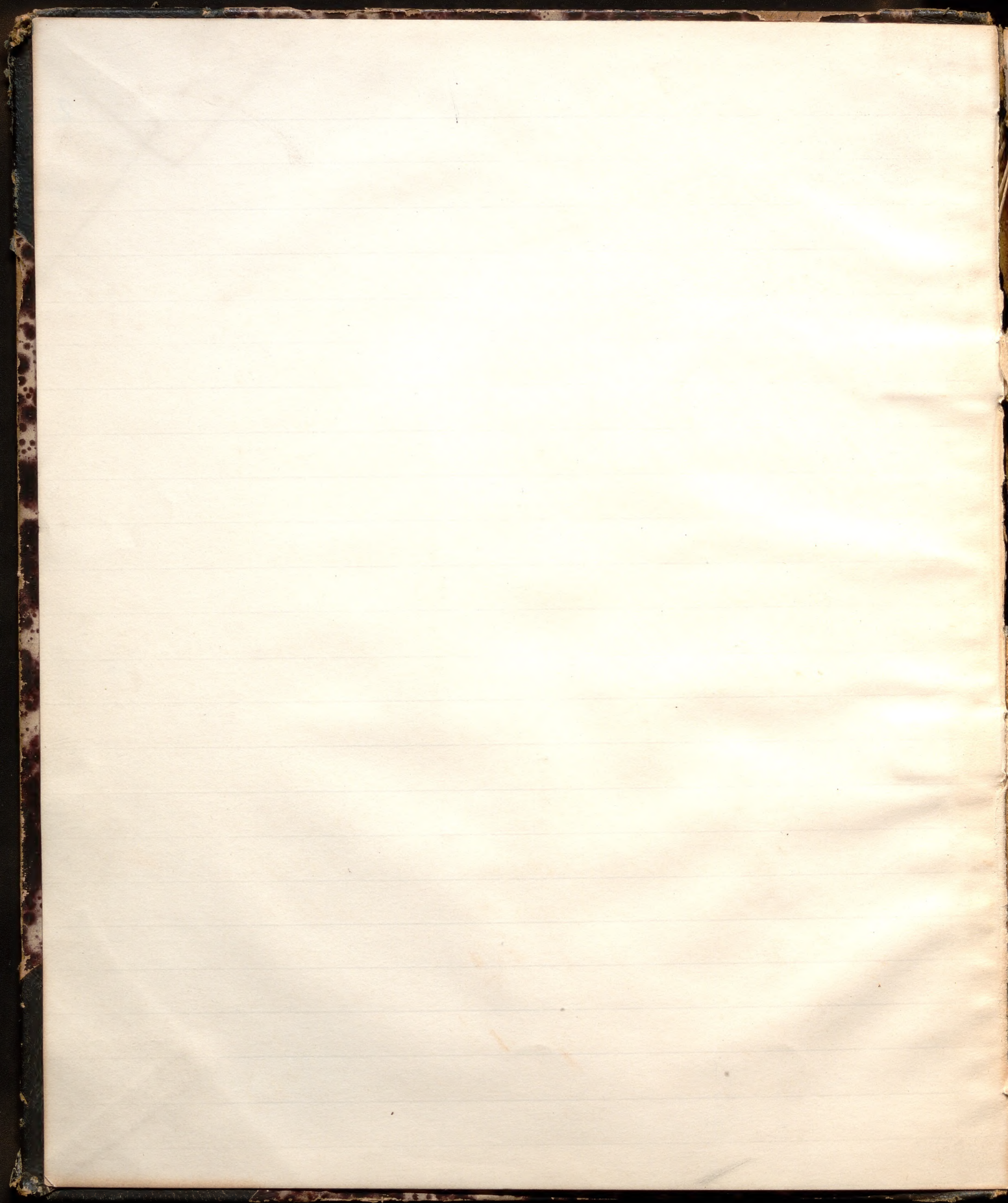
	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15	
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15	
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07	
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19	
Density											0.04	0.09	0.15	0.22	0.36	0.51

D50 Illuminant, 2 degree observer

Golden Thread

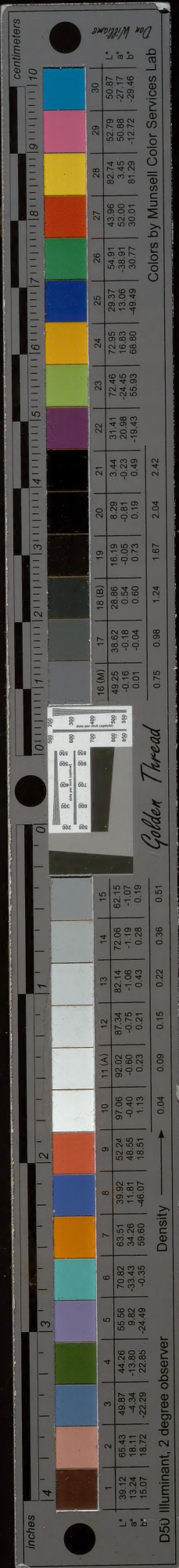
	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	75.05	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.11	-0.19	-0.19	-0.16	0.18	13.06	-39.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	81.29	-12.72	-29.46	50.88
Density	0.75	0.98	1.24	1.67	2.04	2.42									

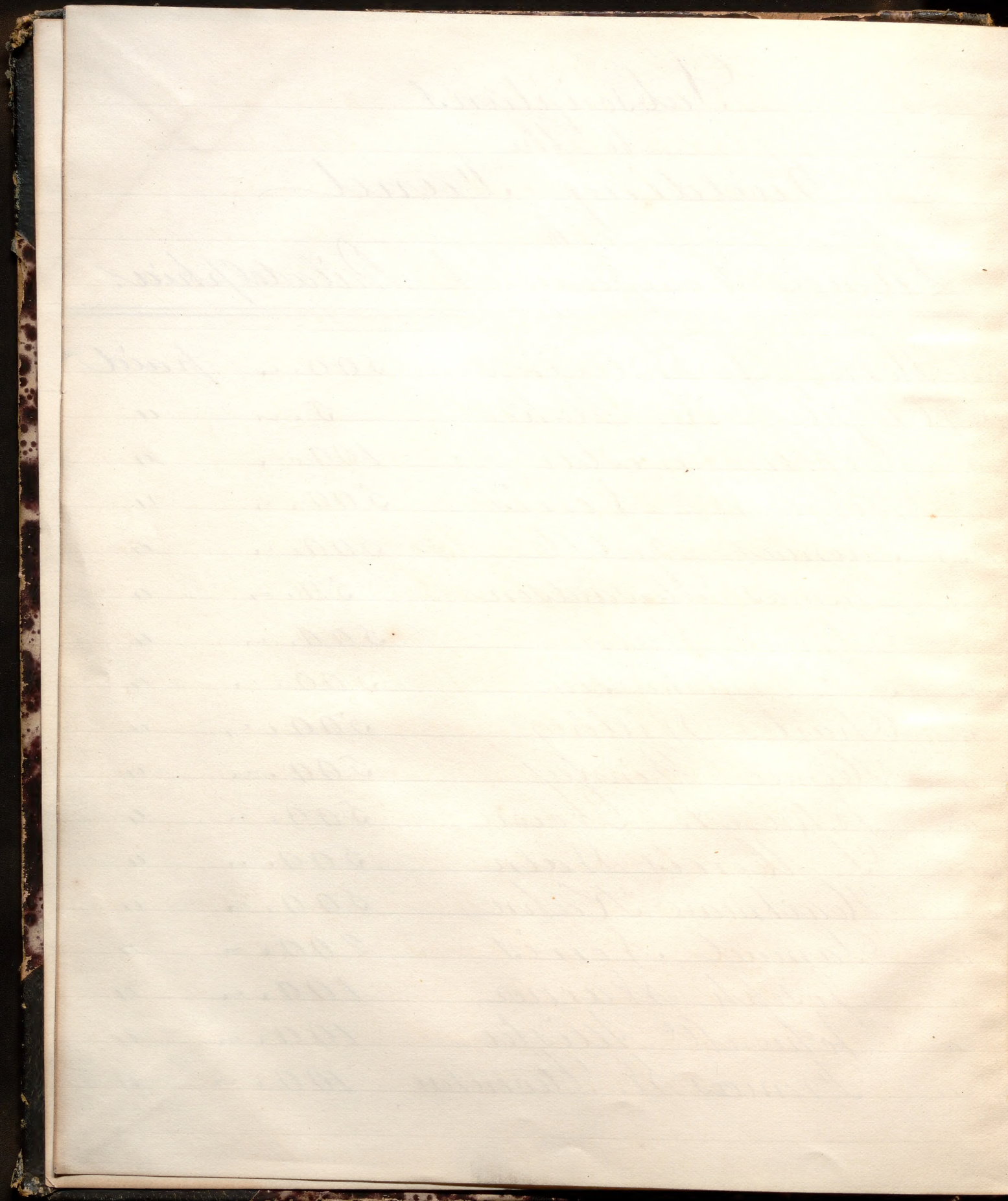
Colors by Munsell Color Services Lab



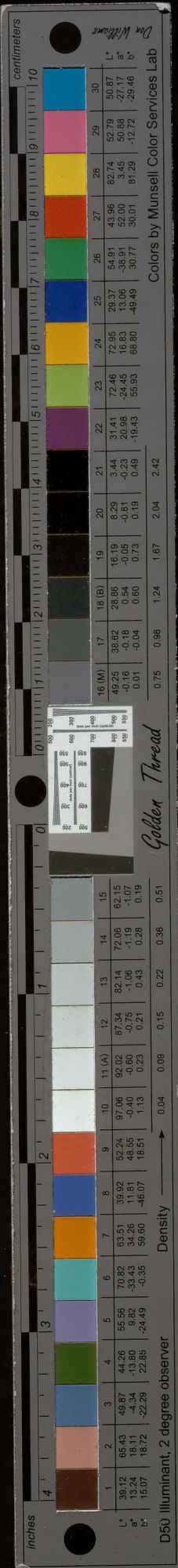
Subscriptions to the Building Fund of the Library Company of Philadelphia.

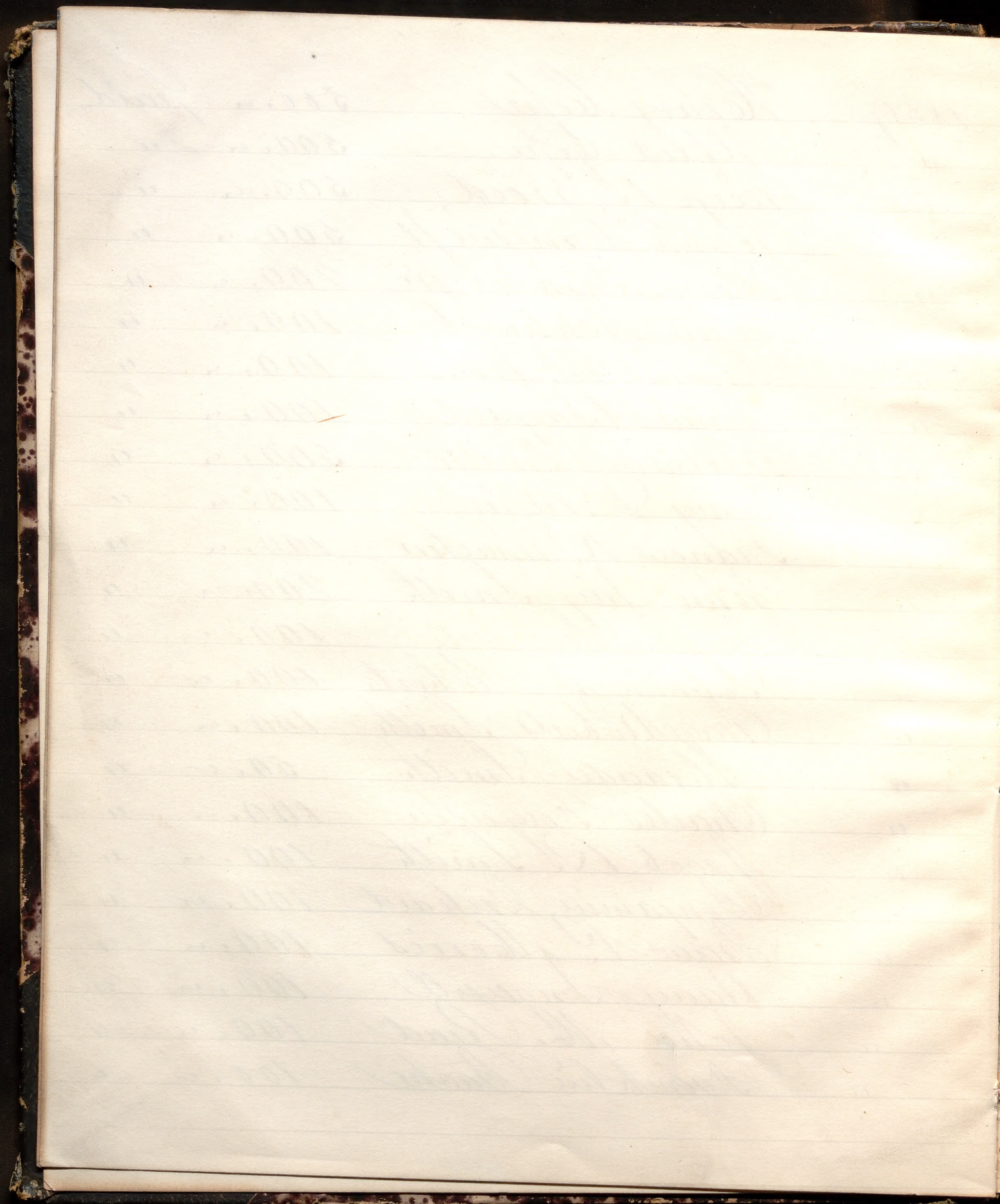
1836	Henry J. Williams	500.00	paid
1837	Elizabeth H. Blake	5.00	"
"	Meifflin Wistar	100.00	"
"	George W. Norris	500.00	"
1838	Thomas Biddle	500.00	"
"	Thomas Stewardson	50.00	"
"	Lewis Waln	500.00	"
"	J. P. Hutchinson	500.00	"
"	Charles Willing	500.00	"
"	Hegrace Binney	500.00	"
"	John A. Brown	500.00	"
"	S. Morris Waln	500.00	"
"	Heartman Kuhn	500.00	"
"	Samuel Norris	200.00	"
"	Joseph Warner	100.00	"
"	John McAllister	100.00	"
"	Frances M. Stevenson	100.00	"



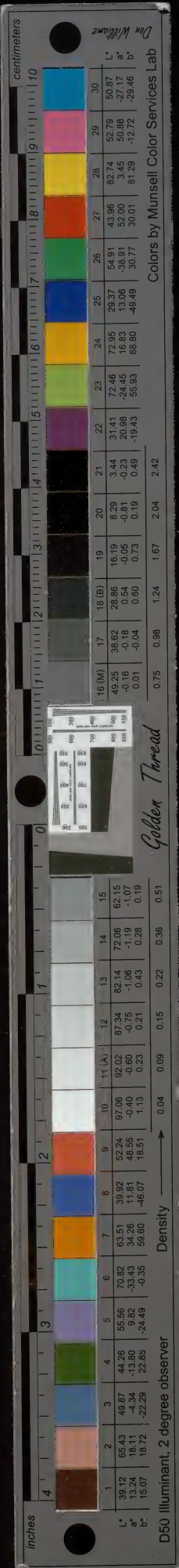


1839	Henry Cope	500.00	paid
"	Alfred Cope	500.00	"
"	George B. Wood	500.00	"
"	Joseph Harrison Jr	500.00	"
"	Thomas Kimbel Jr	200.00	"
"	John Ashhurst	100.00	"
"	Samuel W. Jones	100.00	"
"	James Payard	100.00	"
"	William Smith	500.00	"
"	Henry D. Gilpin	100.00	"
"	Francis R. Whayton	100.00	"
"	John Jay Smith	200.00	"
"	Isaac Lea	100.00	"
"	Solomon St. Roberts	100.00	"
"	George Roberts Smith	100.00	"
"	Alexander Smith	50.00	"
"	Charles Ferguson	100.00	"
"	Jacob R. Smith	100.00	"
"	Benjamin Gerhard	100.00	"
"	Isaac R. Morris	100.00	"
"	Nancy Ingersoll	100.00	"
"	John M. Read	100.00	"
"	Franklin Bache	100.00	"



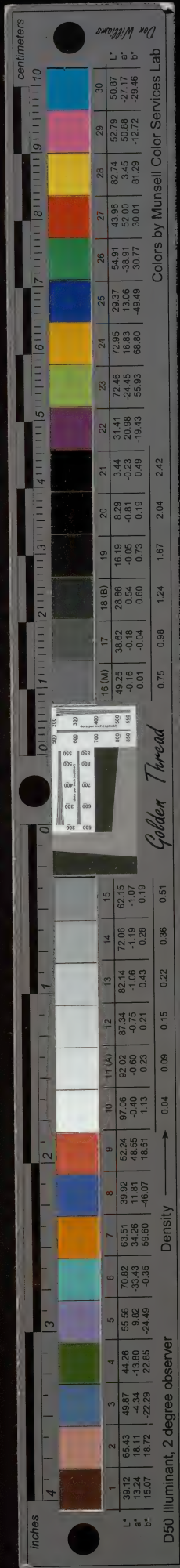


1839	Sam R. Mayfield	25.00	paid
"	Thomas H. Powers	100.00	"
"	Joseph P. Smith	100.00	"
"	John Cooke	50.00	"
"	R. Paschall	32.00	"
1863	McNeau Roue No	500.00	"
"	Israel Morris	500.00	"
"	Joseph R. Ingersoll	500.00	"
"	L. & St. Skelsh	500.00	"
"	William Abassey	100.00	"
"	Thomas Sprakes	100.00	"
"	Wau Randolph	100.00	"
"	Frederick Maley	50.00	"
"	Samuel Coffin	50.00	"
"	J. Francis Wisher	500.00	"
"	Jay Cooke	100.00	"
1864	James L. Claghorn	100.00	"
"	James H. Castle	50.00	"
"	John D. Meyers	100.00	"
"	Thomas McEuen	100.00	"
"	Robert Pearsall	100.00	"
"	Maplemy Rawle	25.00	"
"	John Parnum	500.00	"

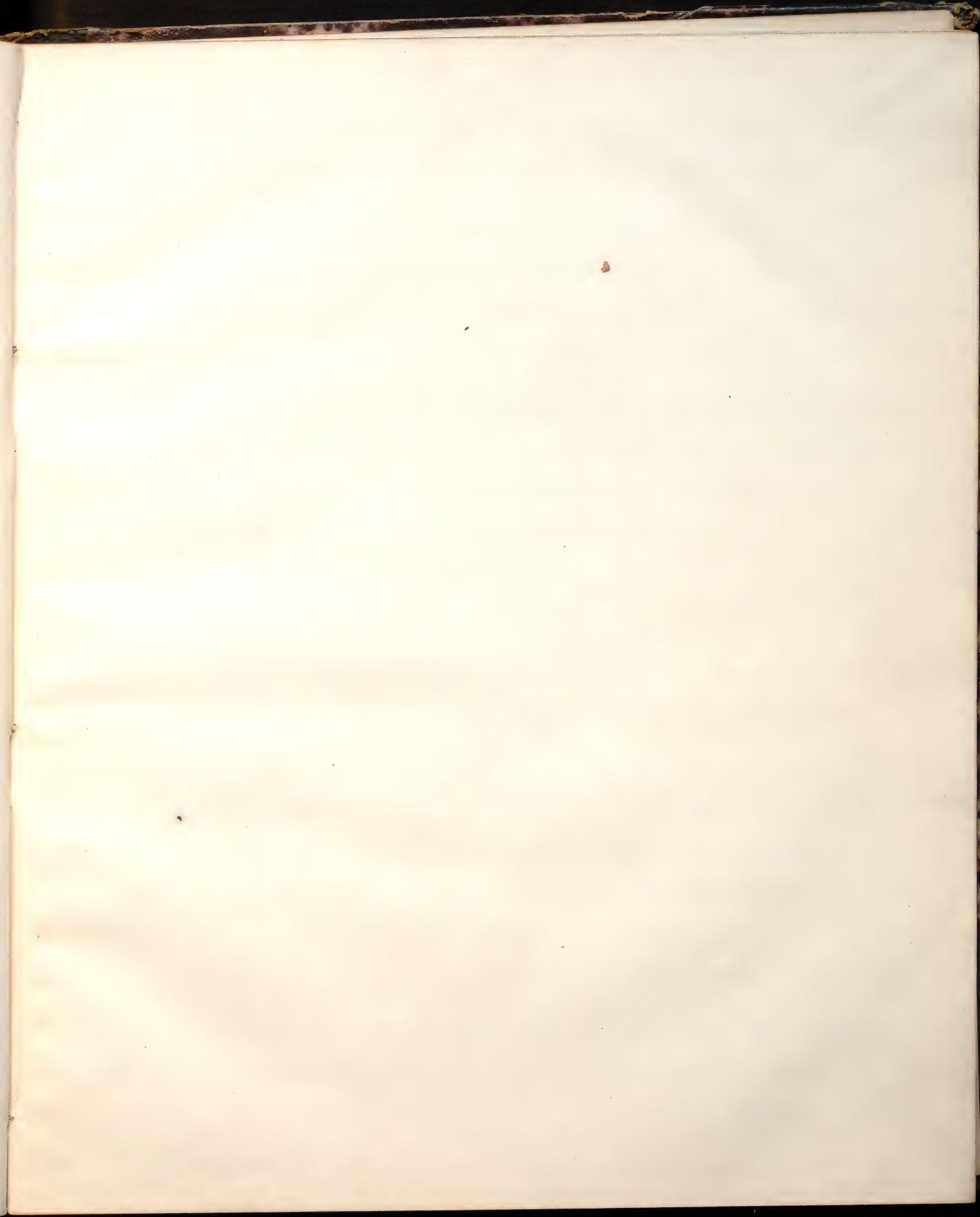




1866	Alexander Riddle	500. - paid
"	John Gibson, Doubo	500. - "
"	George T. Lewis	100. - "
"	John T. Lewis	100. - "
"	Ellis Marnall	100. - "
"	E.W. Clark & Co	100. - "
"	Jesup & Moore	200. - "
1868	Edward T. Randolph	200. - "
1869	George Washington Smith	500. - "
1870	John S. Newbold	500. - paid 5/27/70
	Wm P. Milstach	500. -
1873	Wm H. Kemble	100. - paid '73
"	Isaac Lea	100. - paid '59







centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Don Williams

Colors by Munsell Color Services Lab

Golden Thread

D50 Illuminant, 2 degree observer

Density → 0.04 0.09 0.15 0.22 0.36 0.51

	1	2	3	4	5	6	7	8	9	10	11(A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	22.29	22.85	-24.49	-0.35	59.60	-46.07	16.51	1.13	0.23	0.21	0.43	0.28	0.19

	16(M)	17	18(B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	29.46





centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Golden Thread

Colors by Munsell Color Services Lab

D50 Illuminant, 2 degree observer

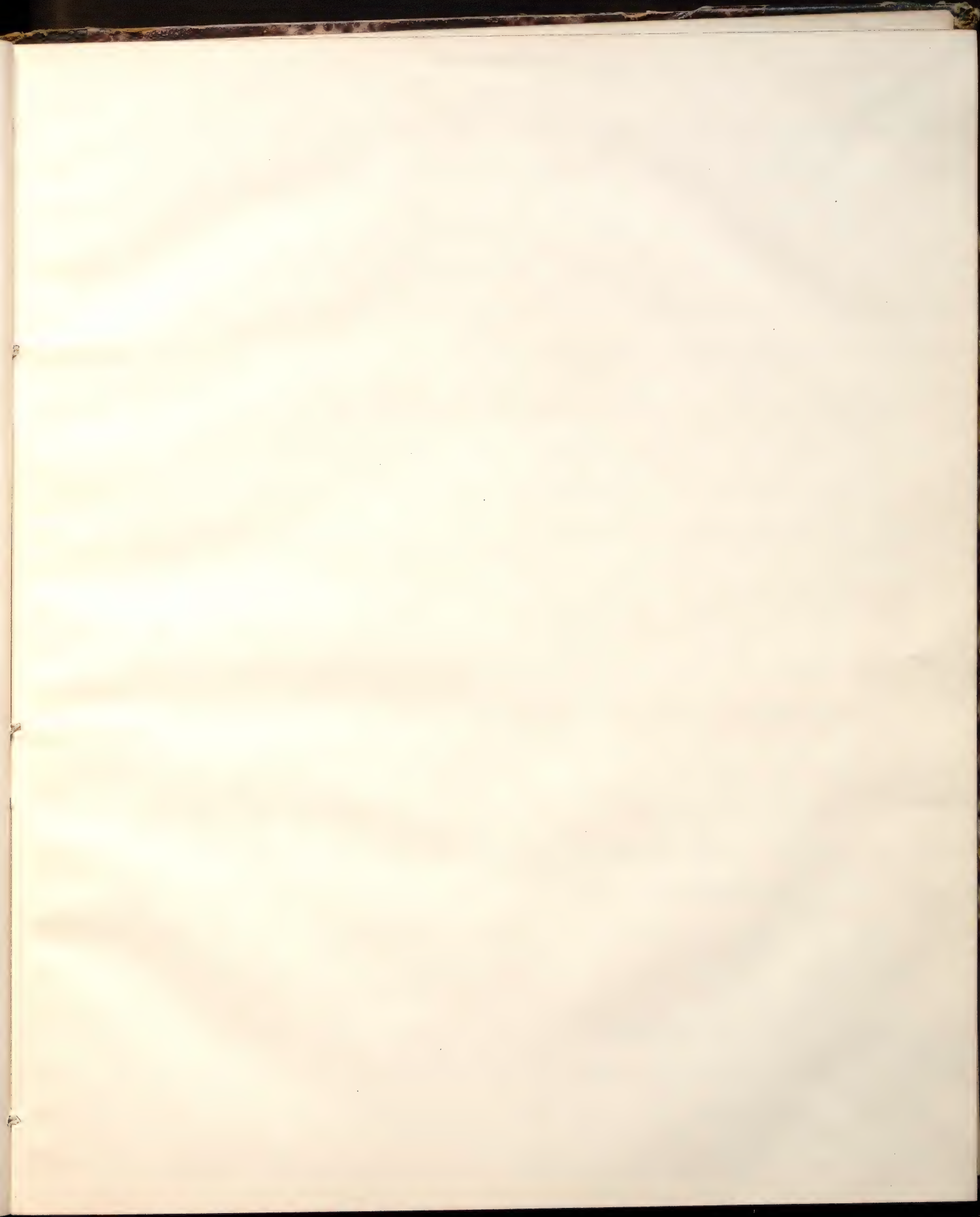
Density

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	16.51	1.13	0.23	0.21	0.43	0.28	0.19

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	29.46

0.75 0.98 1.24 1.67 2.04 2.42





centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Don Williams

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	22.29	22.85	-24.49	-0.35	59.60	-46.07	16.51	1.13	0.23	0.21	0.43	0.28	0.19

D50 Illuminant, 2 degree observer

Density → 0.04 0.09 0.15 0.22 0.36 0.51

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	29.46

Colors by Munsell Color Services Lab

Golden Thread









inches 4 3 2 1 0

centimeters 10 9 8 7 6 5 4 3 2 1 0

Don Williams

Colors by Munsell Color Services Lab

Golden Thread

D50 Illuminant, 2 degree observer

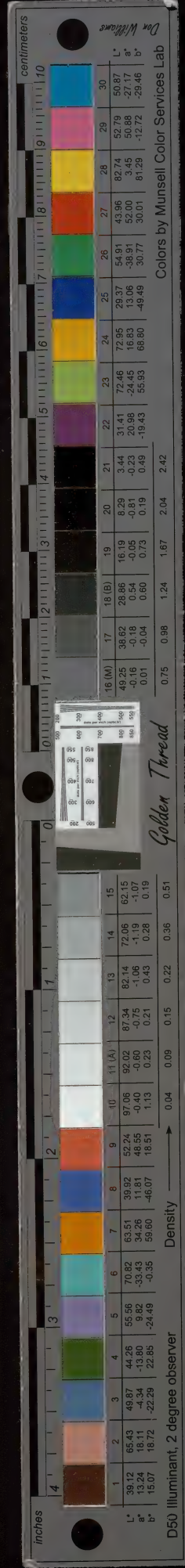
Density → 0.04 0.09 0.15 0.22 0.36 0.51

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	16.51	1.13	0.23	0.21	0.43	0.28	0.19

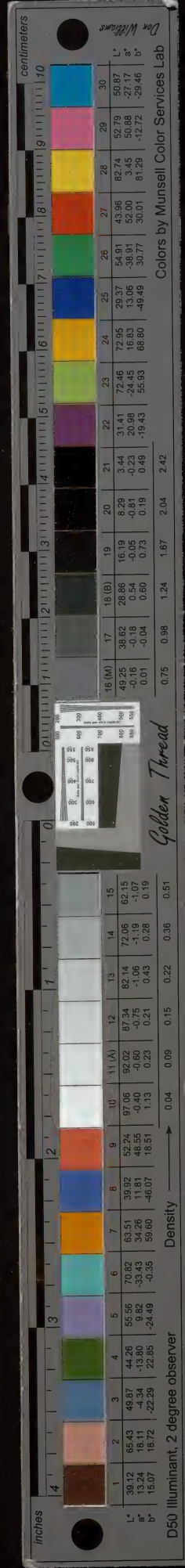
	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	29.46

0.75 0.98 1.24 1.67 2.04 2.42













inches 4 3 2 1 0

centimeters 10 9 8 7 6 5 4 3 2 1 0

Don Williams

Colors by Munsell Color Services Lab

D50 Illuminant, 2 degree observer

Density →

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	29.46

Golden Thread





centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Golden Thread

Colors by Munsell Color Services Lab

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-0.81	-0.91	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

D50 Illuminant, 2 degree observer

Density → 0.04 0.09 0.15 0.22 0.36 0.51

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	29.46

0.75 0.98 1.24 1.67 2.04 2.42





centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Golden Thread

D50 Illuminant, 2 degree observer

Density → 0.04 0.09 0.15 0.22 0.36 0.51

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	19.51	1.13	0.23	0.21	0.43	0.28	0.19

Colors by Munsell Color Services Lab

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	29.46

Don Williams





centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Don Williams

Colors by Munsell Color Services Lab

Golden Thread

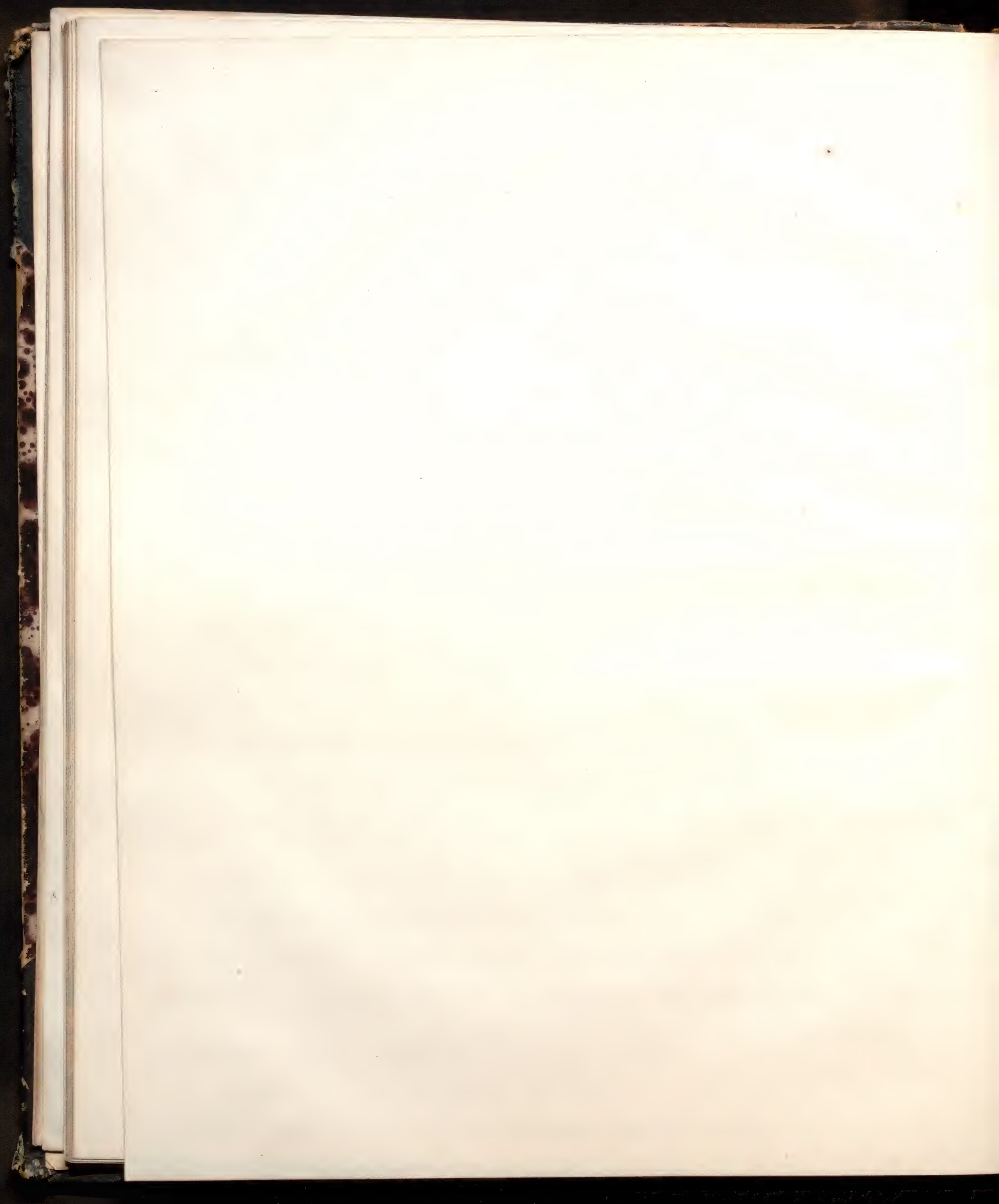
D50 Illuminant, 2 degree observer

Density

	1	2	3	4	5	6	7	8	9	10	11(A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	19.51	1.13	0.23	0.21	0.43	0.28	0.19

	16(M)	17	18(B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	29.46

0.75 0.98 1.24 1.67 2.04 2.42





centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Don Williams

Colors by Munsell Color Services Lab

Golden Thread

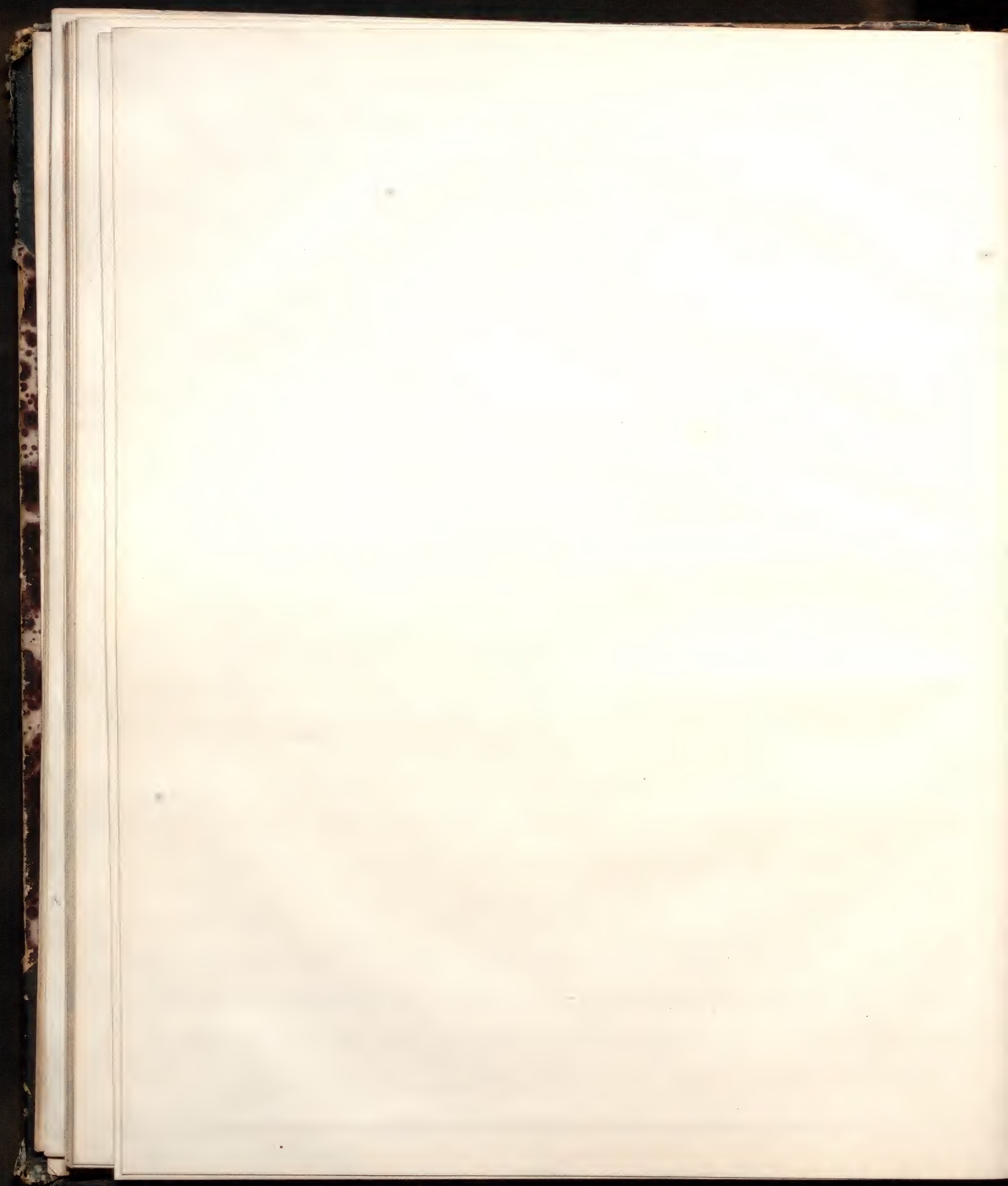
D50 Illuminant, 2 degree observer

Density →

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	19.31	1.13	0.23	0.21	0.43	0.28	0.19

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	29.46

0.75 0.98 1.24 1.67 2.04 2.42





inches 4 3 2 1 0

centimeters 10 9 8 7 6 5 4 3 2 1 0

Don Williams

Colors by Munsell Color Services Lab

Golden Thread

D50 Illuminant, 2 degree observer

Density → 0.04 0.09 0.15 0.22 0.36 0.51

	1	2	3	4	5	6	7	8	9	10	11(A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	19.51	1.13	0.23	0.21	0.43	0.28	0.19

	16(M)	17	18(B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	29.46

0.75 0.98 1.24 1.67 2.04 2.42





centimeters

10 9 8 7 6 5 4 3 2 1 0

inches

4 3 2 1

Golden Thread

D50 Illuminant, 2 degree observer

Density

Colors by Munsell Color Services Lab

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	29.46

0.75 0.98 1.24 1.67 2.04 2.42





centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Golden Thread

D50 Illuminant, 2 degree observer

Density →

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	30.77	-49.49	30.01	81.29	-12.72	29.46

Colors by Munsell Color Services Lab

Don Williams





centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Golden Thread

D50 Illuminant, 2 degree observer

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19
Density	→ 0.04 0.09 0.15 0.22 0.36 0.51														

Colors by Munsell Color Services Lab

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	30.77	-49.49	30.01	81.29	-12.72	29.46

Don Williams





Don Williams

Colors by Munsell Color Services Lab

Golden Thread

D50 Illuminant, 2 degree observer

Density →

	1	2	3	4	5	6	7	8	9	10	11(A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15
a*	13.24	18.11	-4.34	-13.80	-22.89	-24.49	-33.43	-38.91	-14.71	-0.40	-0.60	-0.75	-0.98	-1.06	-1.07
b*	15.07	18.72	-22.29	22.85	24.49	-3.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

centimeters

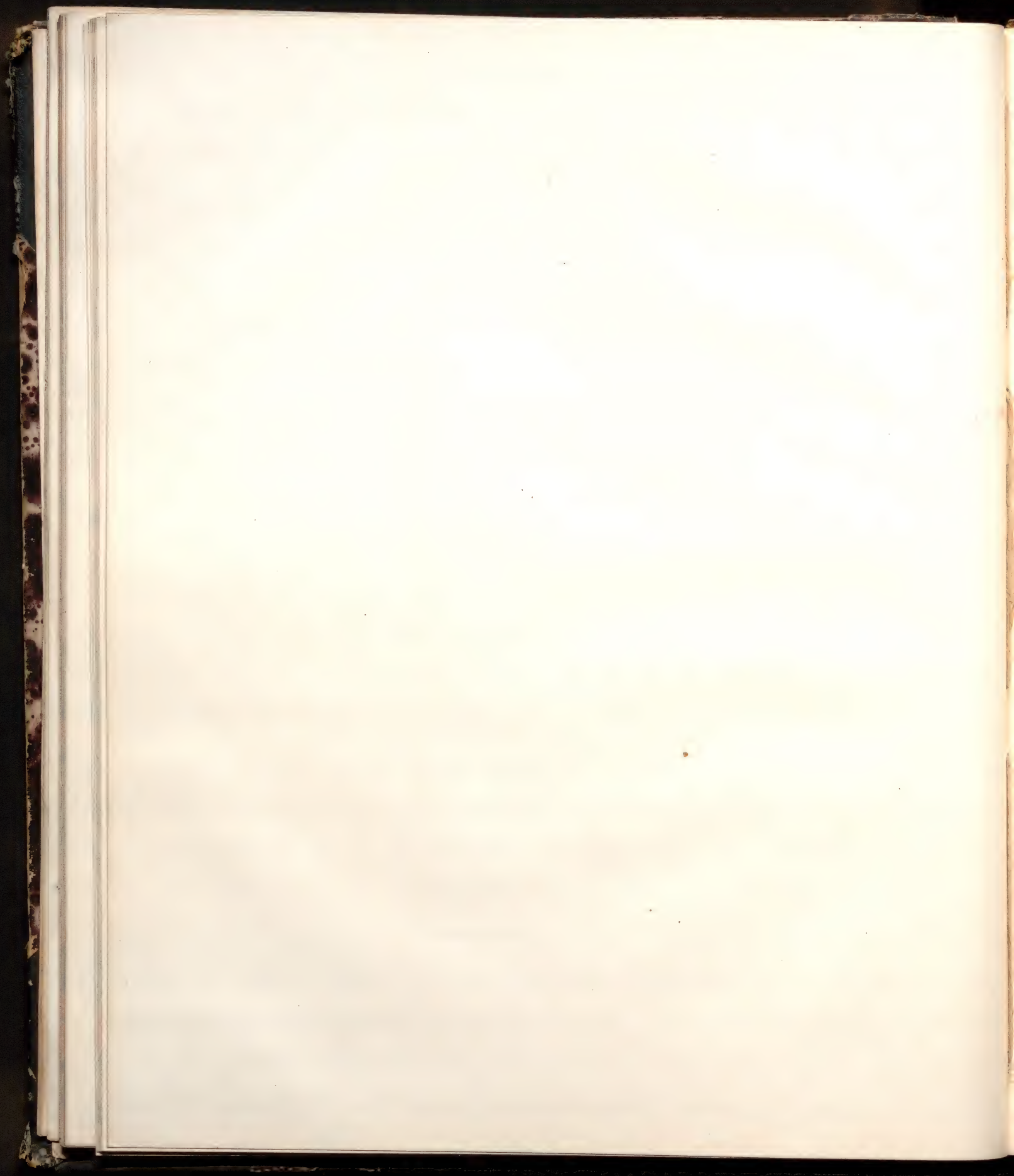
inches

0 1 2 3 4

0 1 2 3 4 5 6 7 8 9 10

16(M) 17 18(B) 19 20 21 22 23 24 25 26 27 28 29 30

	16(M)	17	18(B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46





centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Don Williams

Colors by Munsell Color Services Lab

D50 Illuminant, 2 degree observer

Density

Golden Thread

	1	2	3	4	5	6	7	8	9	10	11(A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15
a*	13.24	18.11	-4.34	-13.80	-22.89	-24.49	-0.36	-1.12	-1.07	-0.16	-0.18	-0.75	-0.73	-0.19	-0.19
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

	16(M)	17	18(B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	16.83	13.06	-38.91	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46





Don Williams

Colors by Munsell Color Services Lab

Golden Thread

D50 Illuminant, 2 degree observer

Density

centimeters

inches

	1	2	3	4	5	6	7	8	9	10	11(A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	-22.89	-24.49	18.82	13.06	-38.91	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

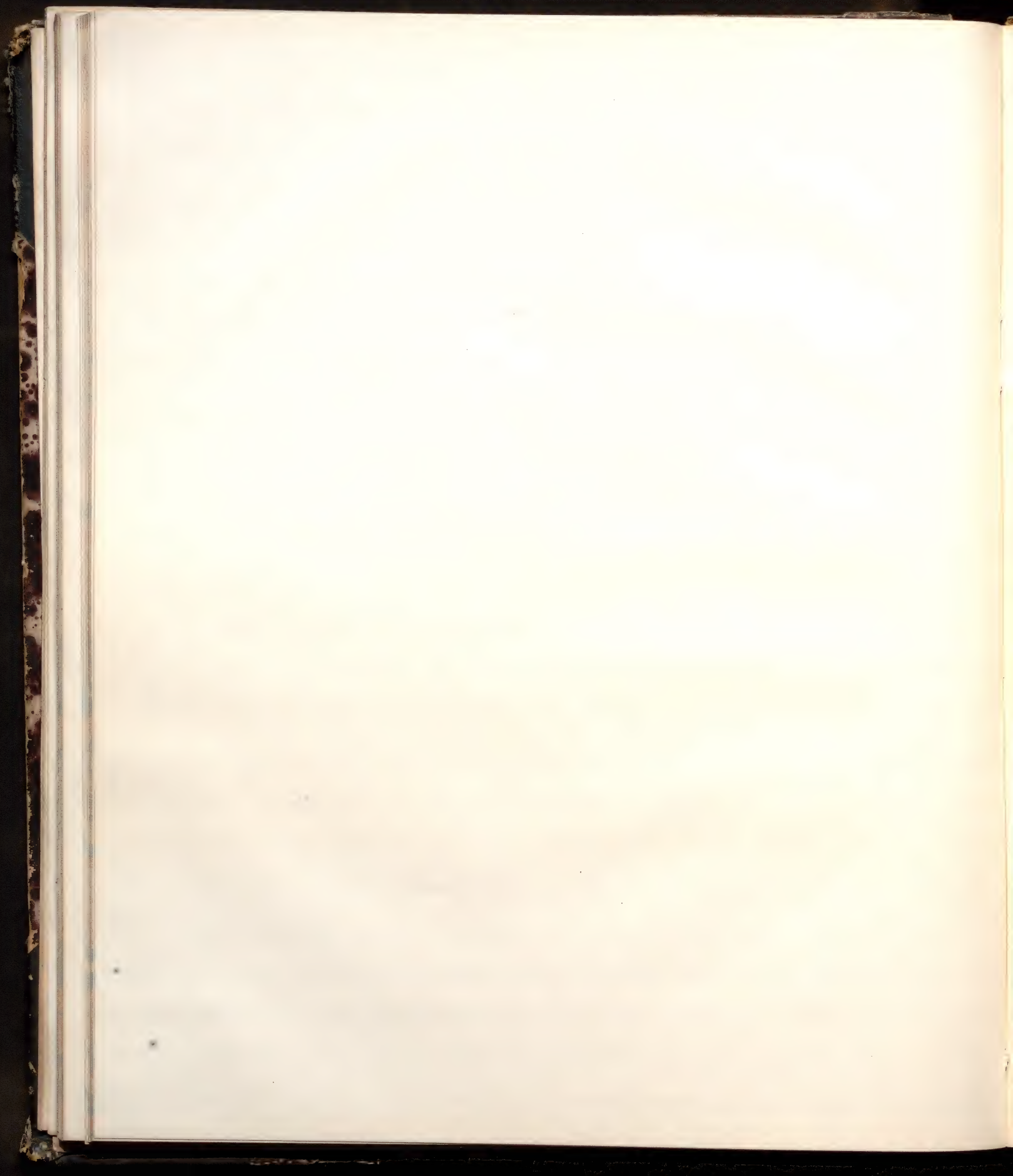
	16(M)	17	18(B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46

0 1 2 3 4 5 6 7 8 9 10

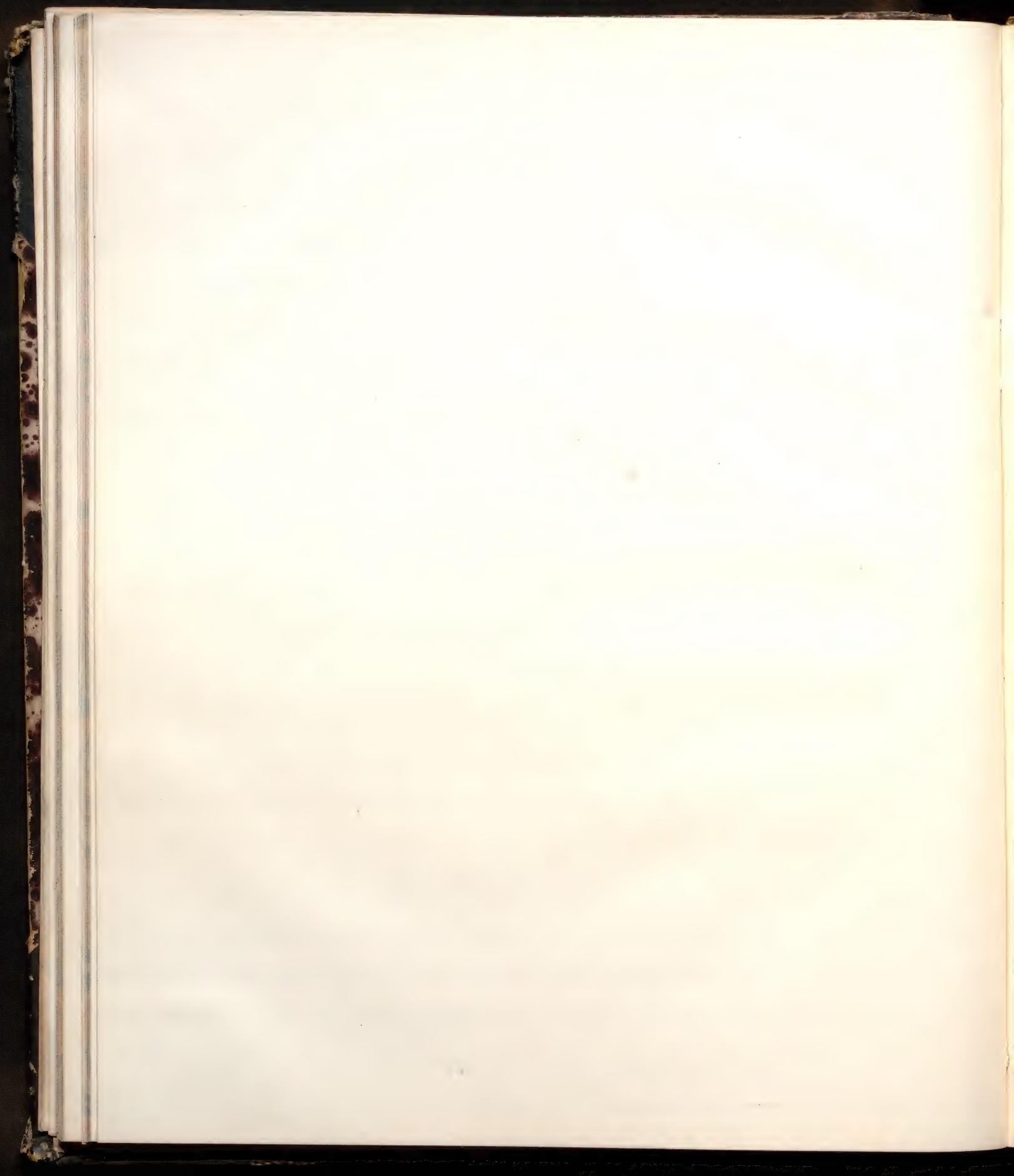
0 1 2 3 4 5 6 7 8 9 10













centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Golden Thread

D50 Illuminant, 2 degree observer

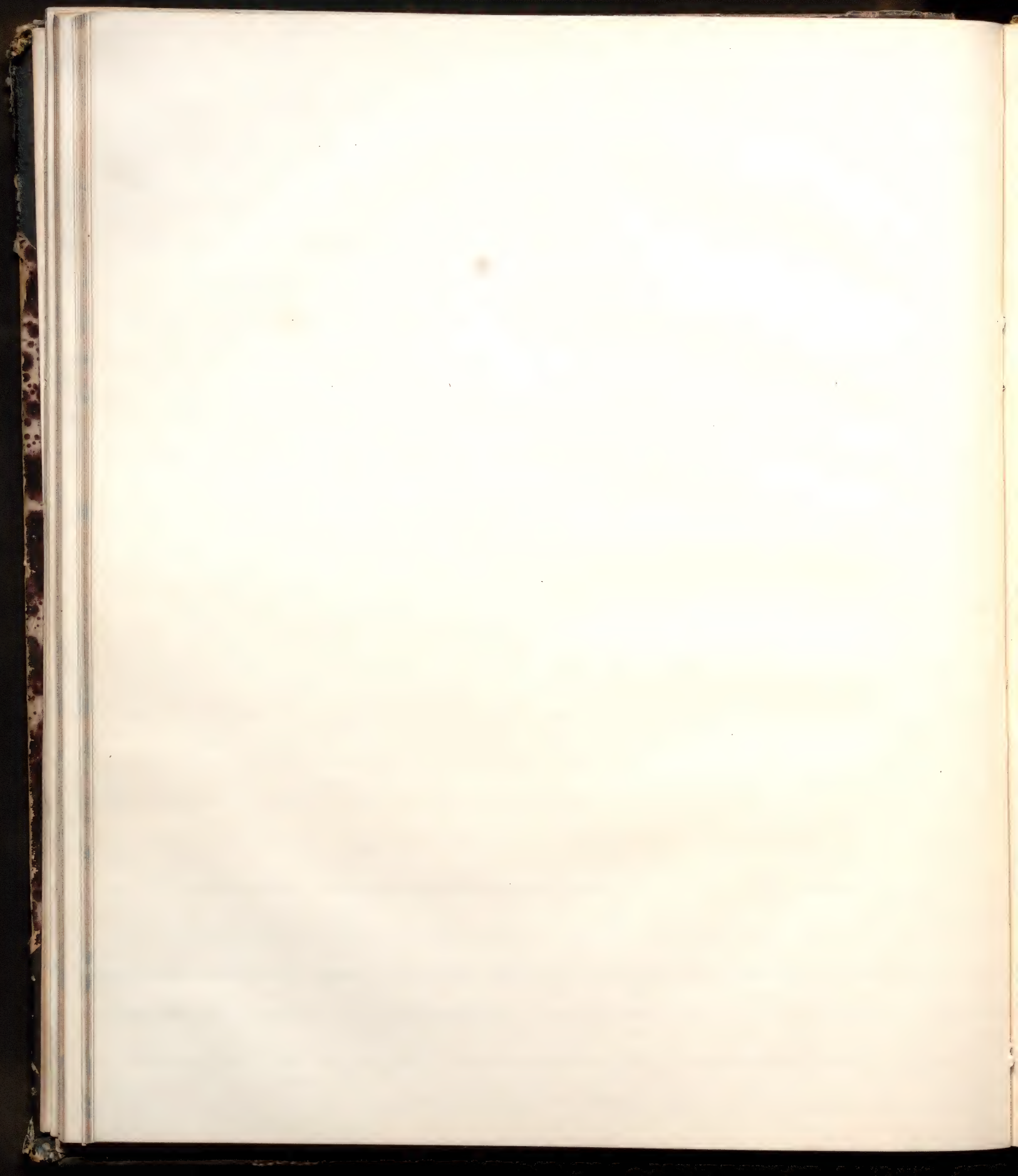
Density → 0.04 0.09 0.15 0.22 0.36 0.51

	1	2	3	4	5	6	7	8	9	10	11(A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	-9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

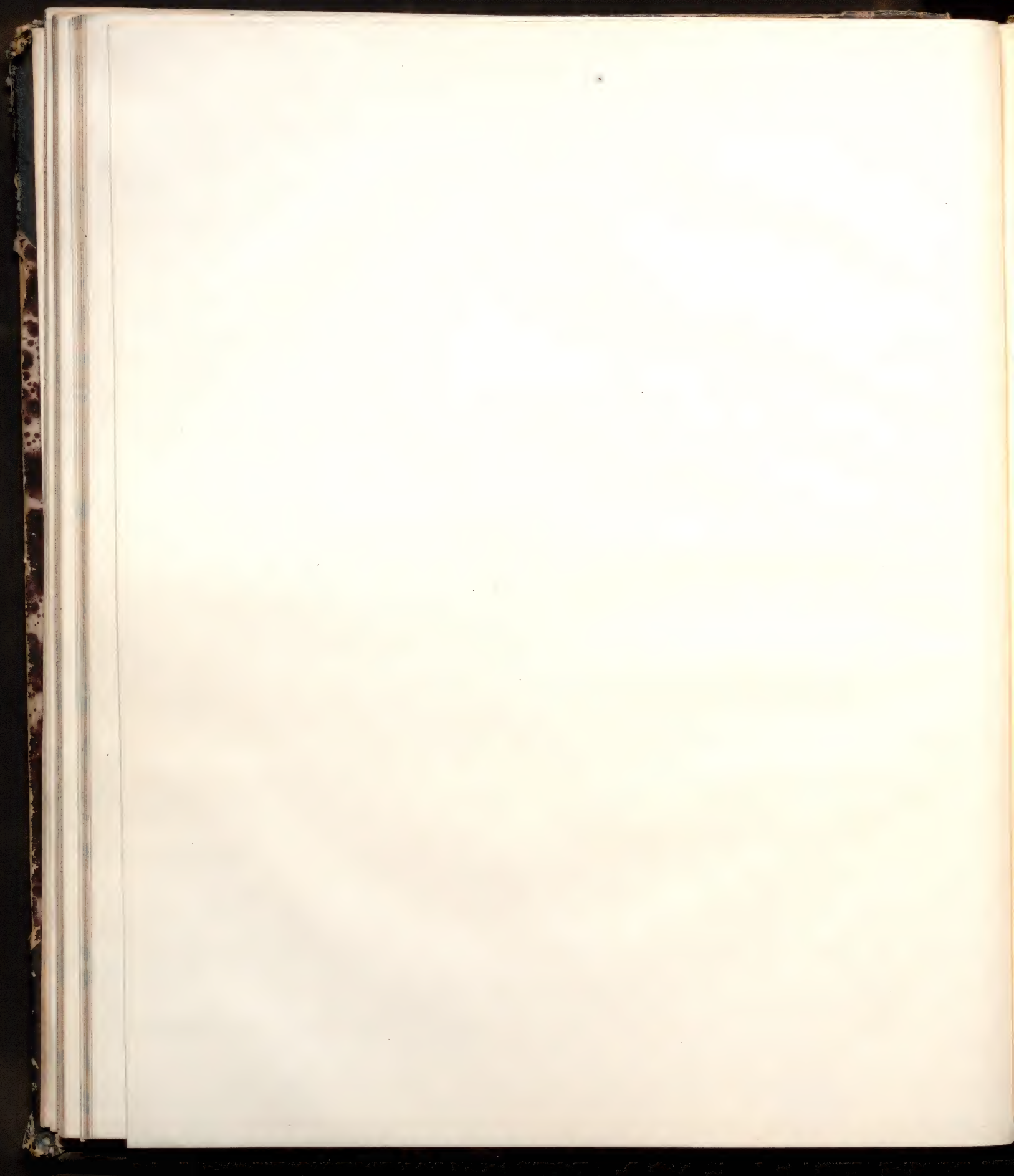
16(M) 17 18(B) 19 20 21 22 23 24 25 26 27 28 29 30

	16(M)	17	18(B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46

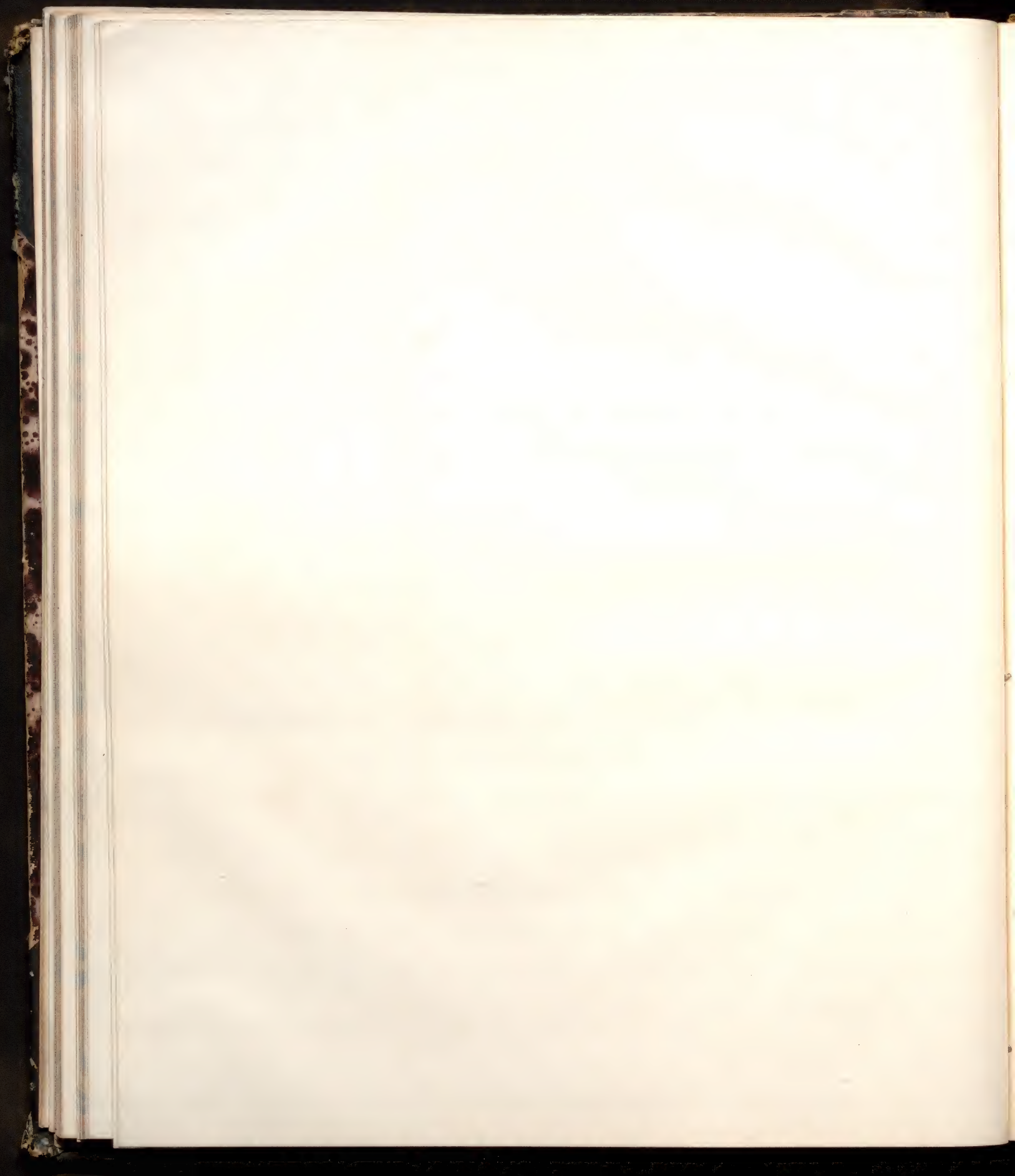
Colors by Munsell Color Services Lab



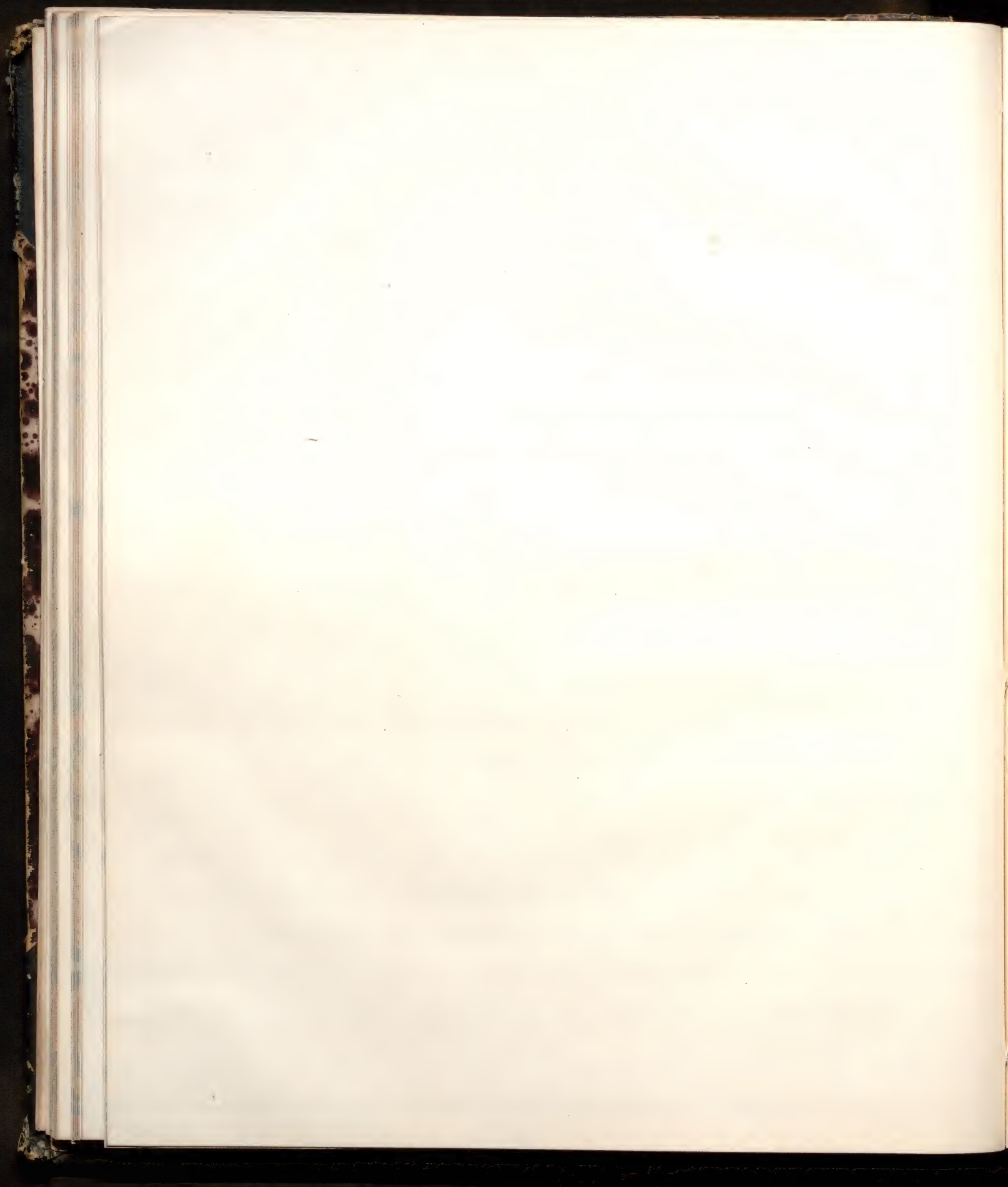




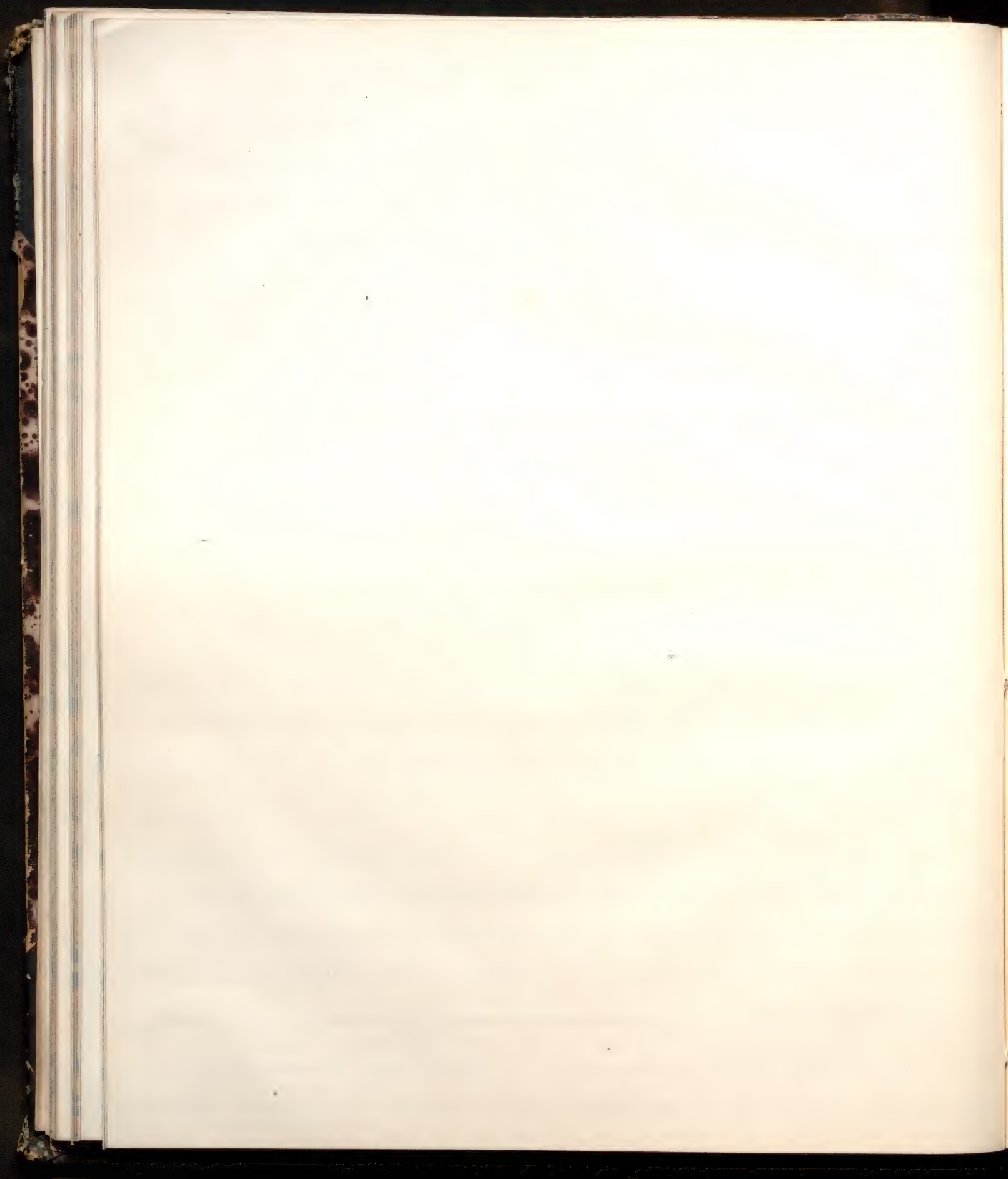


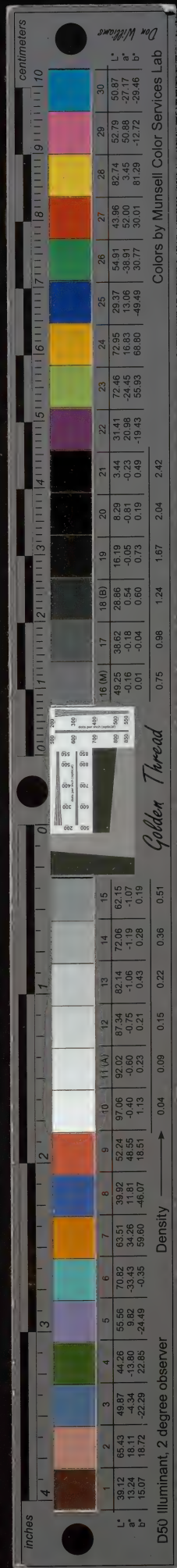




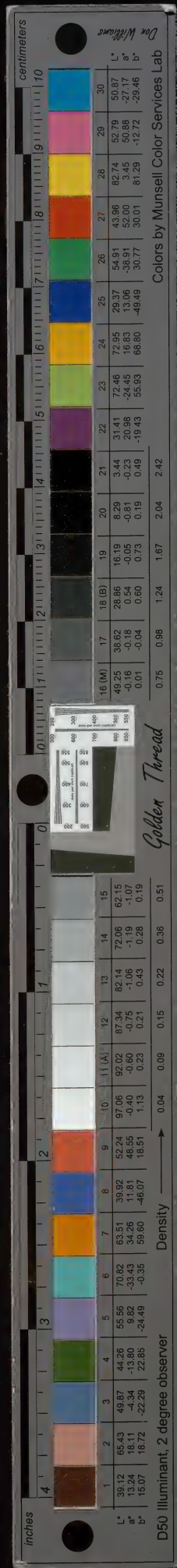


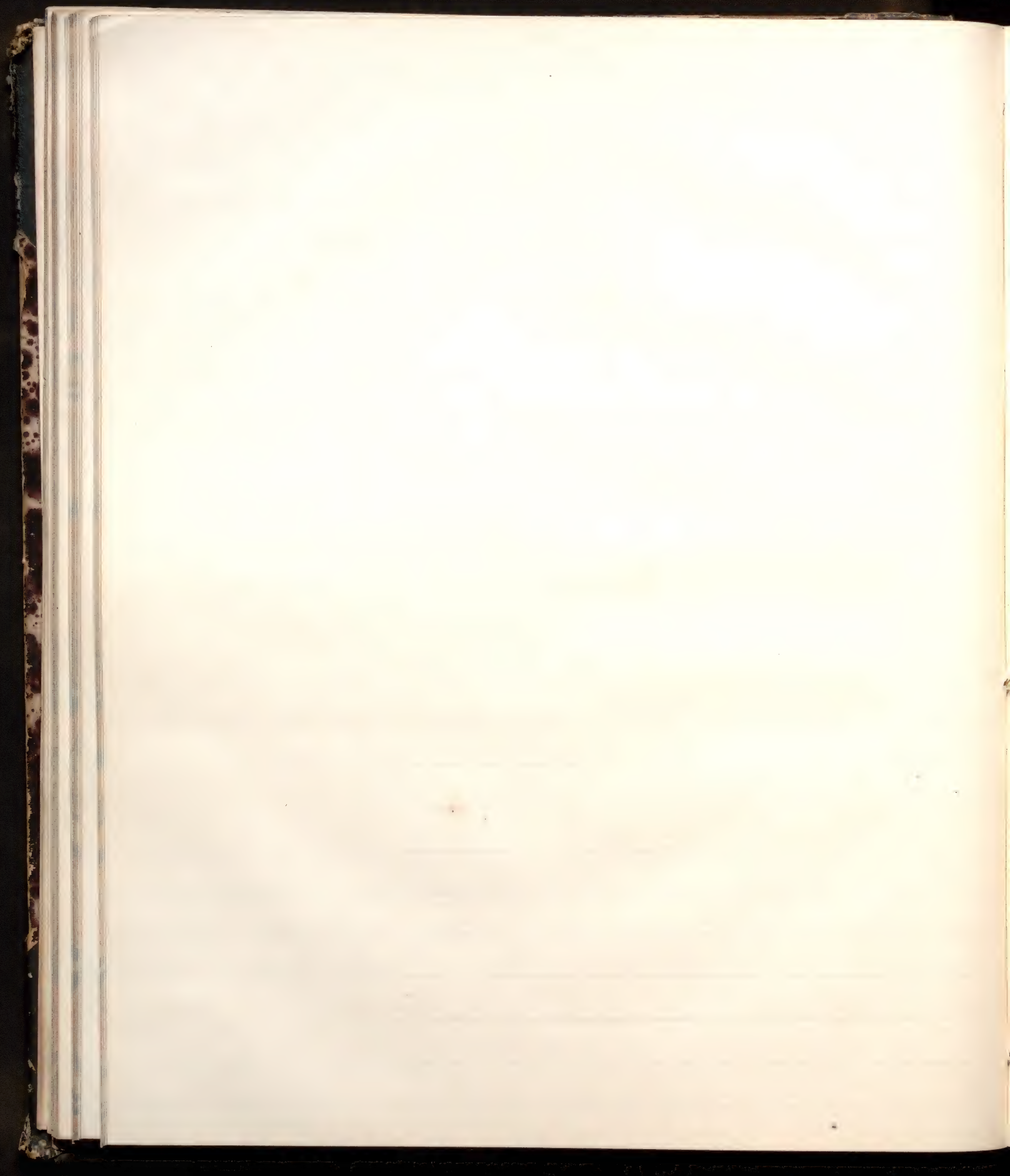


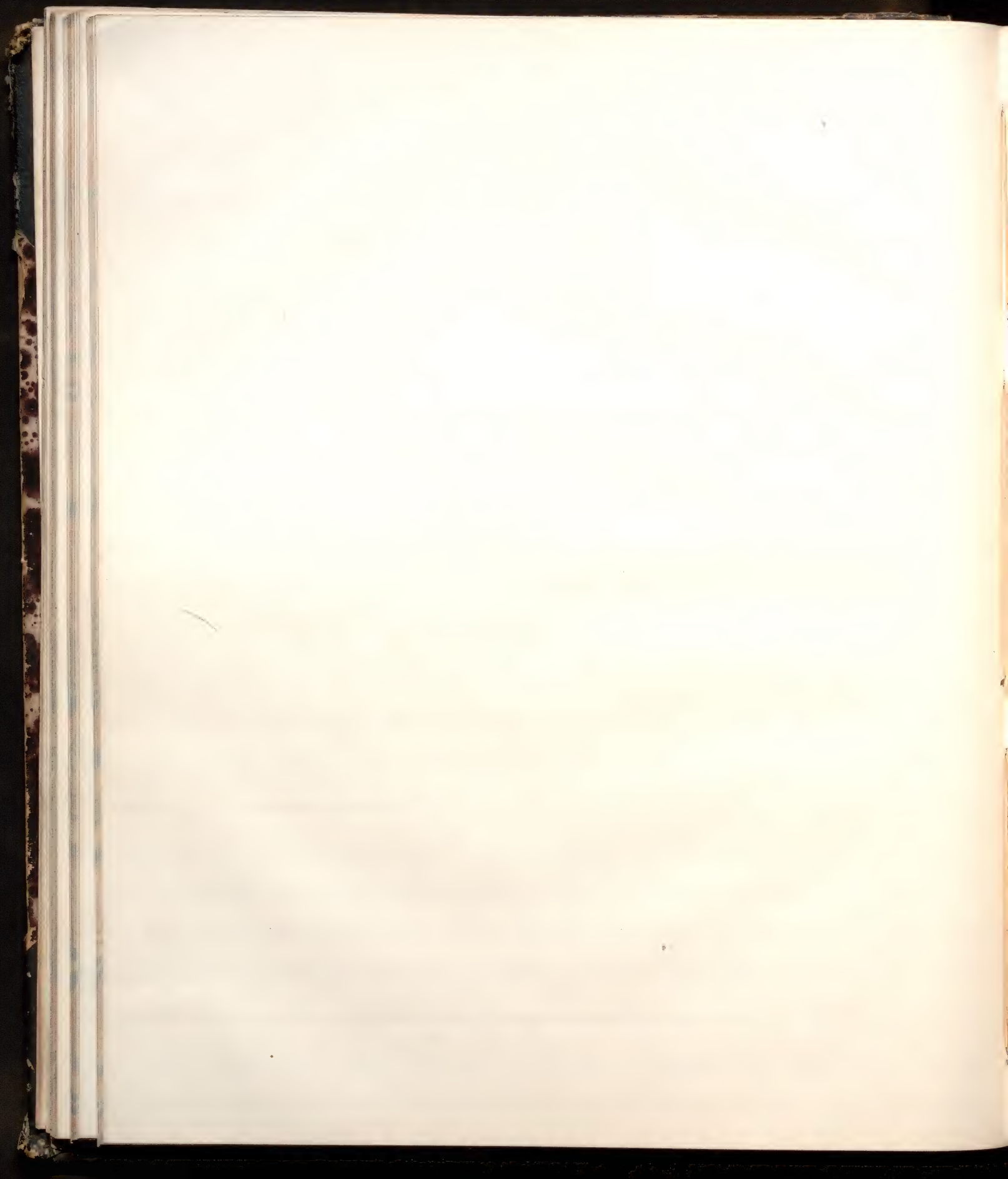














centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

16 (M) 17 18 (B) 19 20 21 22 23 24 25 26 27 28 29 30

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

Density → 0.04 0.09 0.15 0.22 0.36 0.51

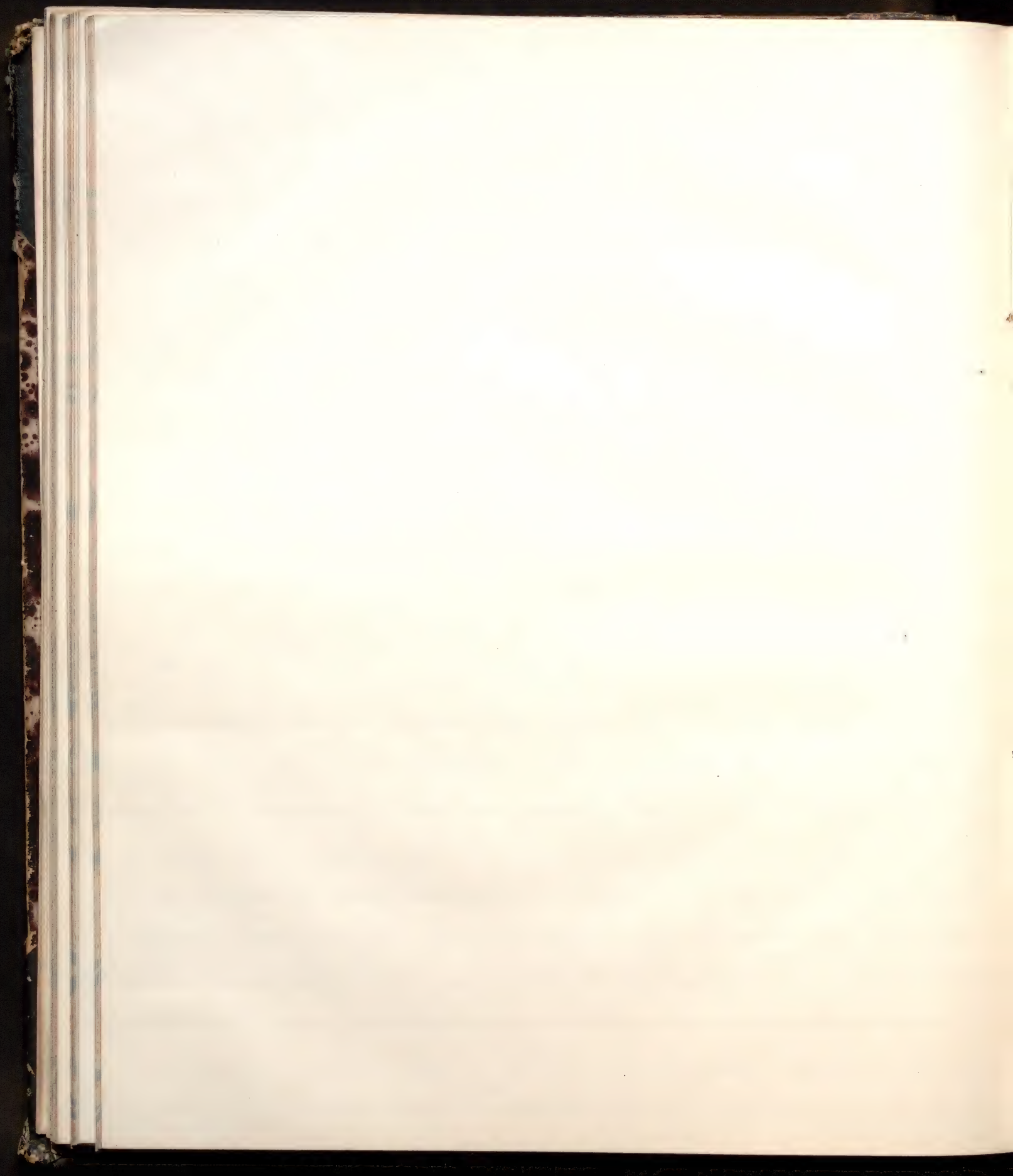
D50 Illuminant, 2 degree observer

Golden Thread

Colors by Munsell Color Services Lab

Don Williams

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46





centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Golden Thread

D50 Illuminant, 2 degree observer

Density → 0.04 0.09 0.15 0.22 0.36 0.51

	1	2	3	4	5	6	7	8	9	10	11(A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

	16(M)	17	18(B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46

Colors by Munsell Color Services Lab

Don Williams





centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

16 (M) 17 18 (B) 19 20 21 22 23 24 25 26 27 28 29 30

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

Density → 0.04 0.09 0.15 0.22 0.36 0.51

D50 Illuminant, 2 degree observer

Golden Thread

Colors by Munsell Color Services Lab

Don Williams

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46





centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Golden Thread

D50 Illuminant, 2 degree observer

Density → 0.04 0.09 0.15 0.22 0.36 0.51

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46

Colors by Munsell Color Services Lab

Don Williams





centimeters

10 9 8 7 6 5 4 3 2 1 0

inches

4 3 2 1 0

16 (M) 17 18 (B) 19 20 21 22 23 24 25 26 27 28 29 30

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

D50 Illuminant, 2 degree observer

Density

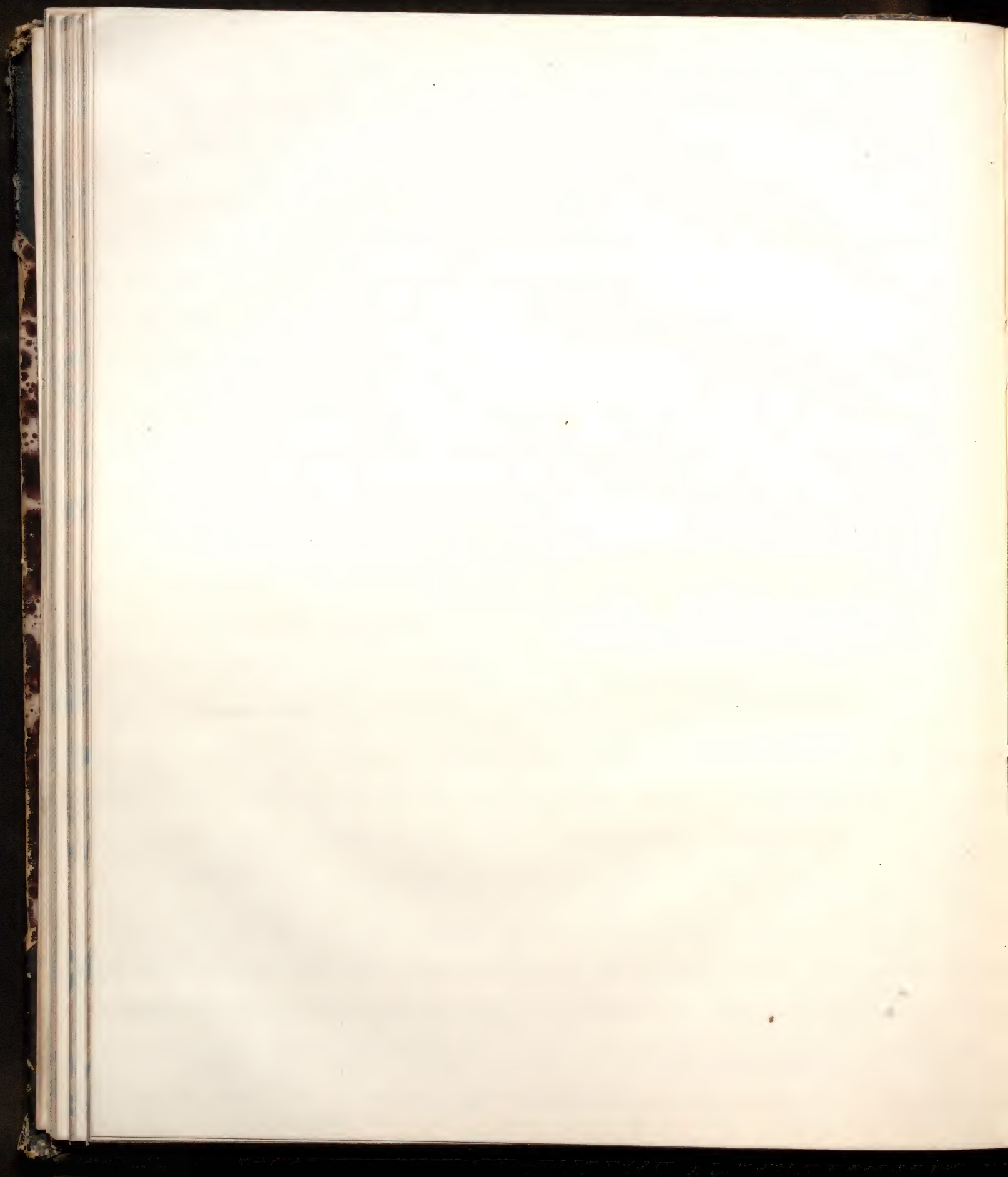
0.04 0.09 0.15 0.22 0.36 0.51

Golden Thread

Colors by Munsell Color Services Lab

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46

Don Williams





inches

centimeters

10 9 8 7 6 5 4 3 2 1 0

4 3 2 1 0 1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10 11 (A) 12 13 14 15

16 (M) 17 18 (B) 19 20 21 22 23 24 25 26 27 28 29 30

Colors by Munsell Color Services Lab

D50 Illuminant, 2 degree observer

Density

Golden Thread

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46





inches

centimeters

10 9 8 7 6 5 4 3 2 1 0

4 3 2 1 0 1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10 11 (A) 12 13 14 15

16 (M) 17 18 (B) 19 20 21 22 23 24 25 26 27 28 29 30

Golden Thread

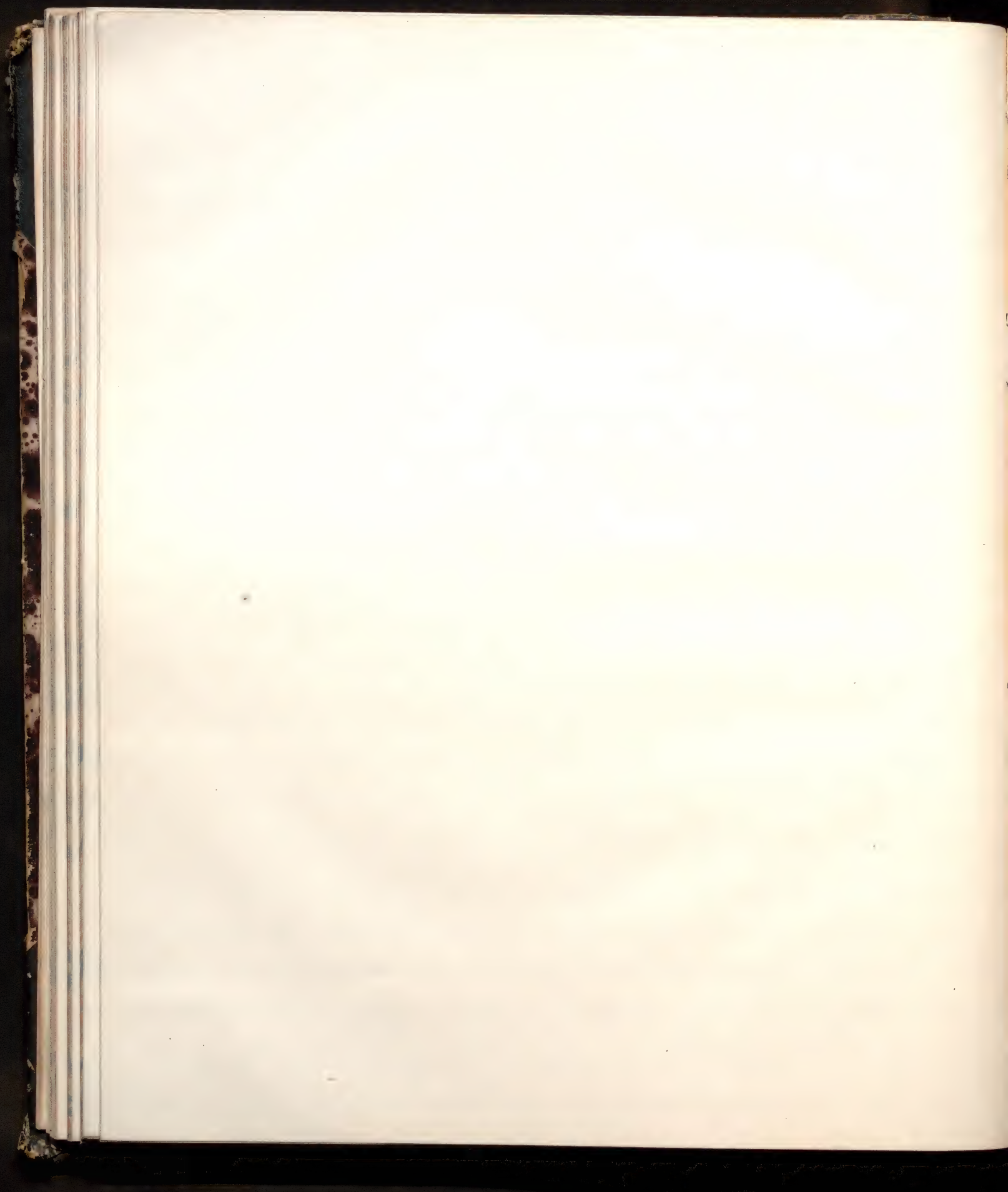
Colors by Munsell Color Services Lab

D50 Illuminant, 2 degree observer

Density

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46





centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Don Williams

Colors by Munsell Color Services Lab

D50 Illuminant, 2 degree observer

Density → 0.04 0.09 0.15 0.22 0.36 0.51

	1	2	3	4	5	6	7	8	9	10	11(A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

Golden Thread

	16(M)	17	18(B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46





inches 4 3 2 1 0

centimeters 10 9 8 7 6 5 4 3 2 1 0

Don Williams

Colors by Munsell Color Services Lab

D50 Illuminant, 2 degree observer

Density → 0.04 0.09 0.15 0.22 0.36 0.51

	1	2	3	4	5	6	7	8	9	10	11(A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

16(M)

	17	18(B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	29.37	54.91	43.96	82.74	52.79	50.87
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28

Golden Thread

0.75 0.98 1.24 1.67 2.04 2.42









centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Don Williams

Colors by Munsell Color Services Lab

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15	
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15	
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07	
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19	
Density											0.04	0.09	0.15	0.22	0.36	0.51

D50 Illuminant, 2 degree observer

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	60.87
a*	-0.16	-0.18	0.54	-0.05	-0.61	0.23	-0.98	-0.13	-0.16	-0.18	-0.16	-0.15	-0.18	-0.17	-0.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-0.15	-0.18	-0.13	-0.18	-0.16	-0.15	-0.18	-0.17	-0.17
Density	0.75	0.98	1.24	1.67	2.04	2.42									

Golden Thread

100% 80% 60% 40% 20% 0%





inches 4 3 2 1 0

centimeters 10 9 8 7 6 5 4 3 2 1 0

1 2 3 4 5 6 7 8 9 10 11(A) 12 13 14 15

	1	2	3	4	5	6	7	8	9	10	11(A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

D50 Illuminant, 2 degree observer

Density → 0.04 0.09 0.15 0.22 0.36 0.51

16(M) 17 18(B) 19 20 21 22 23 24 25 26 27 28 29 30

	16(M)	17	18(B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	69.97
a*	-0.16	-0.18	0.54	-0.05	-0.61	0.23	-0.98	-0.15	-0.18	-0.16	0.18	0.54	-0.05	-0.05	-0.05
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-0.15	0.53	0.68	-0.49	0.77	0.01	0.19	-0.12	-0.46

Colors by Munsell Color Services Lab

Golden Thread





inches 4 3 2 1 0 1 2 3 4 centimeters 10 9 8 7 6 5 4 3 2 1 0

Don Williams

	1	2	3	4	5	6	7	8	9	10	11(A)	12	13	14	15	
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15	
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07	
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19	
Density											0.04	0.09	0.15	0.22	0.36	0.51

D50 Illuminant, 2 degree observer

	16(M)	17	18(B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	60.97
a*	-0.16	-0.18	0.54	-0.05	-0.61	0.23	-0.98	-0.15	-0.18	0.53	-0.18	0.54	-0.05	-0.05	-0.05
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-0.15	0.53	0.68	-0.49	0.77	0.01	0.12	-0.12	-0.12

Colors by Munsell Color Services Lab

Golden Thread

0.00 0.05 0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45 0.50 0.55 0.60 0.65 0.70 0.75 0.80 0.85 0.90 0.95 1.00





inches 4 3 2 1 0 1 2 3 4 centimeters 10 9 8 7 6 5 4 3 2 1 0

1 2 3 4 5 6 7 8 9 10 11(A) 12 13 14 15

	1	2	3	4	5	6	7	8	9	10	11(A)	12	13	14	15	
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15	
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07	
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19	
Density											0.04	0.09	0.15	0.22	0.36	0.51

D50 Illuminant, 2 degree observer

16(M) 17 18(B) 19 20 21 22 23 24 25 26 27 28 29 30

	16(M)	17	18(B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	60.87
a*	-0.16	-0.18	0.54	-0.05	-0.61	0.23	-0.06	-0.18	-0.16	0.54	-0.05	-0.05	-0.05	-0.05	-0.05
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-0.15	-0.18	-0.16	0.54	-0.05	-0.05	-0.05	-0.05	-0.05
Density	0.75	0.98	1.24	1.67	2.04	2.42									

Colors by Munsell Color Services Lab

Don Williams

Golden Thread





inches 4 3 2 1 0 1 2 3 4 centimeters 10 9 8 7 6 5 4 3 2 1 0

1 2 3 4 5 6 7 8 9 10 11 (A) 12 13 14 15

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15	
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15	
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07	
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19	
Density											0.04	0.09	0.15	0.22	0.36	0.51

DS0 Illuminant, 2 degree observer

16 (M) 17 18 (B) 19 20 21 22 23 24 25 26 27 28 29 30

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	60.87
a*	-0.16	-0.18	0.54	-0.05	-0.61	0.23	-0.98	-0.15	-0.18	-0.16	-0.18	-0.16	-0.15	-0.17	-0.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-0.15	0.55	0.68	-0.49	0.77	0.01	0.12	-0.29	-0.46

Colors by Munsell Color Services Lab

Golden Thread





centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Don Williams

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

D50 Illuminant, 2 degree observer

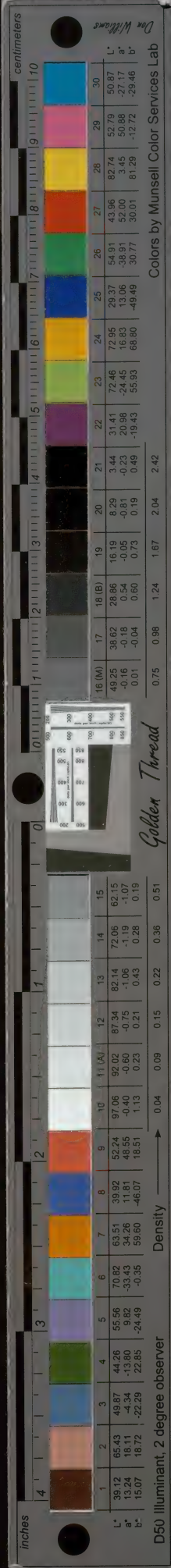
Density → 0.04 0.09 0.15 0.22 0.36 0.51

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	60.97
a*	-0.16	-0.18	0.54	-0.05	-0.61	0.23	-0.98	-0.15	-0.18	0.53	-0.18	0.54	-0.05	-0.81	-0.23
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-0.15	0.55	0.68	-0.49	0.73	0.01	0.19	-0.49	-0.15

Colors by Munsell Color Services Lab

Golden Thread



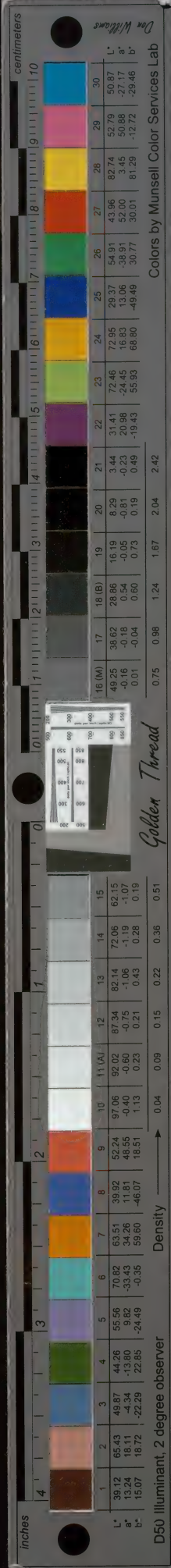
















centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Colors by Munsell Color Services Lab

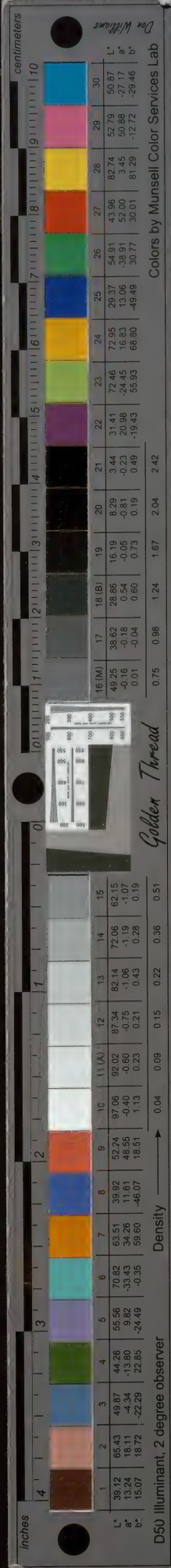
Golden Thread

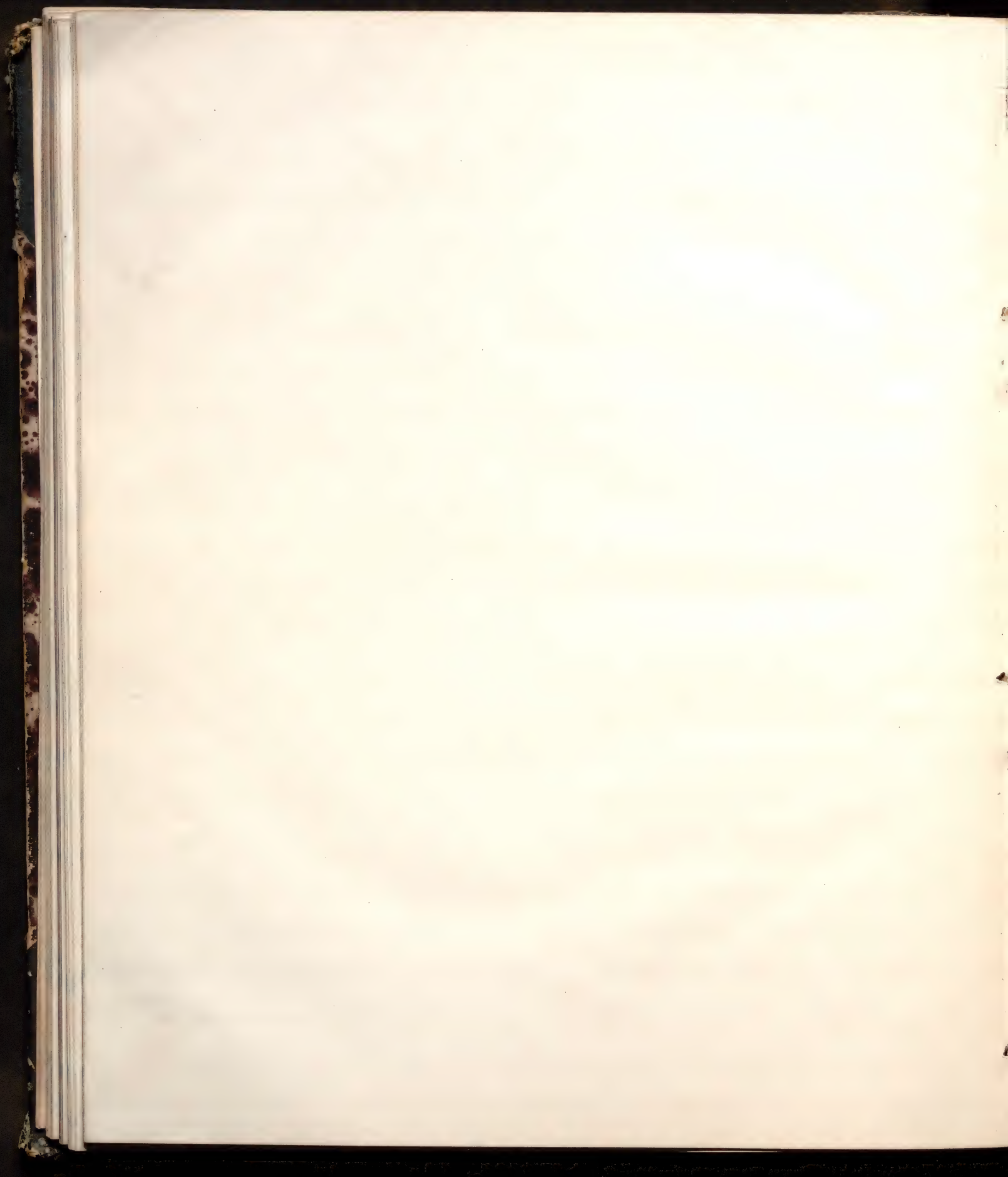
D50 Illuminant, 2 degree observer

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19
Density	→ 0.04 0.09 0.15 0.22 0.36 0.51														

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	60.97
a*	-0.16	-0.18	0.54	-0.05	-0.61	0.23	-0.98	-0.15	-0.13	-0.18	-0.18	-0.18	-0.18	-0.18	-0.18
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-0.15	0.55	0.68	-0.16	-0.18	-0.18	-0.18	-0.18	-0.18









Supplementary Inventory - Memorial Room

79	Reproduction of No 5 box from Memorial Room at request of Mr. Middlemore	50.00
80	Another Mayfield vase same as No 5	50.00
81	Round table	5.00
82	Paper mache table	10.00
83	Local gift - picture table	35.00
84	Black Japanese	20.00
85	2 Asian animal groups	50.00
86	2 French vases	150.00
87	Asian stone sculpture	35.00
88	Asian group (a the artist) sold	20.00
89	Asian	5.00
90	"	5.00
91	Asian woman with mirror	10.00
92	"	20.00
93	Gift table set	350.00
94	Asian woman statue # 569	25.00
95	Asian group Father & Son # 570	10.00
96	Box of lauceti	5.00
97	Asian figure	5.00

59 1 Paira Cuprid
 60 2 set Beadellars
 61 15 music stand
 62 4 Beadellars
 63 4 Lamp
 64 8 stands
 65 3 French Lamp (4 lamps)
 66 1/2 ft. St. Card stand
 67 2 brackets
 68 1 Lamp stand
 69 3 Music Chair
 70 1 Music Chair
 71 1 Bureau
 72 2 Chests
 73 1 Music stand
 74 2 Music stands
 75 1 Music stand
 76 Military equipment
 77 1 Music stand
 78 1 set Box

2.342.4
 50.-
 75.-
 100.-
 40.-
 16.-
 15.-
 10.-
 10.-
 5.-
 5.-
 5.-
 5.-
 2.50
 2.50
 sold
 30.-
 10.-
 5.-
 5.-
 10.-
 5.-
 5.-
 5.-
 2.-

2.342.4
 1370
 2.750



Amount Bought 4/3

39 100.00 sold

40 R 15 100.00

41 R 2 100.00

42 100.00

43 100.00

44 100.00

45 100.00

46 100.00

47 100.00

48 100.00

49 100.00

50 100.00

51 100.00

52 100.00

53 100.00

54 100.00

55 100.00

56 100.00

57 100.00

58 100.00

59 100.00

680.00

100.00

30.00

90.00

100.00

100.00

100.00

100.00

100.00

100.00

100.00

100.00

100.00

100.00

100.00

100.00

100.00

100.00

100.00

100.00

100.00

S E cm 39th latitude

inches 4 3 2 1 0 1 2 3 4

centimeters 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4

Colors by Munsell Color Services Lab

D50 Illuminant, 2 degree observer

Density

Golden Thread

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.61	0.23	-0.09	-0.16	-0.13	0.53	-0.05	-0.01	0.18	0.13	0.01
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-0.19	0.53	0.68	-0.49	0.77	0.01	0.12	-0.12	-0.46





[illegible]

Art & Science

4282-

28.

20.

5.

8.

8.

100.

50.

50.

8.

10.

10.

20.

8.

10.

50.

50.

45.

45.

100.

5.

20.

80.

2.

2



inches 4 3 2 1 0

centimeters 10 9 8 7 6 5 4 3 2 1 0

16(M) 17 18(B) 19 20 21 22 23 24 25 26 27 28 29 30

	1	2	3	4	5	6	7	8	9	10	11(A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

Density → 0.04 0.09 0.15 0.22 0.36 0.51

Golden Thread

Colors by Munsell Color Services Lab

D50 Illuminant, 2 degree observer

Don Williams

	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17	50.88
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-30.77	30.01	81.29	-12.72	29.46	29.46

